

Product SearchCam 3000



The SearchCam 3000 locates victims trapped in collapsed buildings. The articulating waterproof camera head with LED lighting pinpoints the victims' location so that rescuers can extract them. The SearchCam's on-screen graphics direct the rescue team to where and how to begin extraction. The two-way audio allows rescuers to communicate with the victim. Rescuers can record video and voice, as well as take still photos of the search.

"We really wanted to get this camera right. Money is real hard to come by for search rescue teams. We wanted to build something that's not just a one-trick pony. This camera provides value."

- Andy Ibbetson, founder of CON-SPACE Communications

"With limited options available for search equipment, Searchcam and Delsar units are options that work. 1. It's field proven; 2. It's a standard in the US USAR environment as well as outside the US; 3. Interoperability within USAR agencies."

- Rexford Ianson, Search Team Manager/Task Force Leader, California Task Force

SearchCam 3000 Features

- Detachable Camera Heads – switch from color to black and white
- Records Video, Voice & Still Images
- 240° Articulating Camera Head
- Waterproof Camera
- Expandable Tube Sets – Camera extends from 14 inches to 19 feet

Camera	Colour, 1/4" CCD, 0.4 Lux, 350 lines, auto iris
Interchangeable Camera Heads	YES
Probe Articulation	Pistol Grip Controls
Illumination	16 element white LED array with multiple levels
Display Monitor	5" diagonal, flat screen LCD active matrix

Auxiliary Output	YES			
Video Standard	NTSC or PAL			
Victim Communication	Two way - located at the camera probe			
Operator Headset	Noise attenuating boom microphone, under helmet style			
Modular design	NO			
Dimensions				
System Length	Telescopes from 41" to 92" (104.3 cm to 234 cm)			
Probe Weight	8.8lbs (4 kg) including batteries			
Camera Housing Diameter	1.85"			
Minimum Access Diameter	1.85"			
Articulation Travel	240° total - right to left			
Viewing Distance	20' (6 m) total darkness			
Battery				
Type and Endurance	Li- Ion Battery Stick			
Environmental				
Operational Temperatures	14° to 140° F (-10° to 60° C)			
Recommended Storage Temp	0° - 80 ° F (4° - 26° C)			
Water/Dust	Submersible Camera Head			
Storage				
Type	Pelican® water tight and dust tight			
Model	SC2000 Std	SC3000	Recon II	Mongoose
Primary Use	Victim location, audio/video search	Victim location/extrication, video search	Victim location/extrication, video search	Victim location/extrication, video search
Cameras				
Interchangeable Camera head options	No	YES (Colour & Infra Red)	No	No
Type	CCD	CCD	CCD	CCD
Colour	Yes	YES	Yes	Yes
IR	Yes	YES	NO	NO
Monitor/Display				
ON Screen Function Menu	Yes	YES	Yes	Yes
Monitor/Display	5" (12.7 cm) TFT-LCD	5" (12.7 cm) TFT-LCD	5" (12.7 cm) TFT-LCD	5" (12.7 cm) TFT-LCD
Picture Rotation	Yes (camera head can be	Yes Monitor can be Rotated	Yes (camera head can be rotated)	No

	rotated LCD has capability)			
Water Resistant	NO	YES Submersible	Yes	Yes
Adjustment	off, low, high variable adjust (20 feet in zero light)	6 Step variable Lighting	high/low (112 feet in zero light)	high/low (6 feet in zero light)
Multiple Monitor Support	Yes	Yes	No	No
Video Out - Component	Yes	Yes with cable	No	No
Video Out - other	No	No	No	No
Video In	No	No	No	No
Audio				
Integrated Audio at Camera Head	Yes	Yes	No	No
Audio Volume Control	Yes	Yes	No	No
Ability to talk to victim (two way)	Yes	Yes	No	No
Recording				
Recording Media - Video	No	Yes - HCSD Card	No	NO
Recording Rescuer Voice Notes	No	Yes	No	No
Recording Victim Audio	No	Yes	No	No
Power				
Battery Type	Dry Lead Acid	Li-ion	Dry Lead Acid	Dry Lead Acid
Endurance	3 hours	3 hours	3 hours	3 hours
Recharge Time	2 hours 90%	1 hour -90%		
Environmental				
Temperature Range	10~140 degrees(-12C to 60C)	10~140 degrees(-12C to 60C)	10~140 degrees(-12C to 60C)	10~140 degrees(-12C to 60C)
Water Resistance - VDU	Yes	Yes	Yes	Yes
Water Proof Camera Head	Some models	Submersible to 100ft	No	Yes
Immersion	No	Yes	No	No
Weight	12.8lbs including battery	8lbs(including batteries)	4.5 lbs - 2.04 kg (excluding battery)	3 lbs - 1.36 kg (excluding battery)
Case	53x17x6	53x17x6 unless it	39x18x7	28x1+x8

		changes		
Operation				
On Screen Graphics	Yes	Yes	Yes	Yes
Camera Head Position on Screen	Yes	Yes	No	No
Left/Right Limits	Yes	Yes	No	No
Automatic Centre Stop	Yes	Yes	No	No
Illumination	Backlight	Backlight	Yes	Yes
Low Battery Warning	Yes	Yes	Yes	Yes
One Hand Operation	Yes	Yes	Yes	Yes
Silent Operation	No	Quiet (Not Silent)	Yes	Yes
Articulation	180 degrees	240degrees	180 degrees	120 degrees
Type of Articulation	electric / remote	electric / remote	mechanical / remote	mechanical / remote
Articulation Control	Pistol Grip	Pistol Grip - Fingertip Control	Manual Ring	Trigger Style
Accessories				
Headset	Yes	Yes - Noise Cancelling - Behind Head Design	No	No
Shoulder Strap	Yes	Yes	Yes	Yes
Cable Reel	Yes	Option - Yes	No	No
Cable Probe Style of operation	Stand Alone Camera	Option - Yes	No	No
Extension Cables	No	Yes	No	No
Pole Sets				
Standard Tube Set	1.4 m - 2.3 m	14"- 78"	45" - 1.14 m	22" - 56 cm
Long Tube Set	1.75 m - 6.5 m (Super Probe Only)	48.5" - 168"	3m	NO
Breaching System	Yes	Yes	Yes	Yes
Technical Advantages	Powered Articulation, Solid Construction (except for articulation mechanism)	Powered Articulation, Solid Construction, Clutched gearbox	Simple, Rugged Manual Articulation Mechanism, Quality Image	Solid Construction, Rugged, Reliable,LED Lighting